

ISSUE DATE: MARCH 31, 1999

CERTIFICATE AUTHORIZATION NUMBER: 1014



THIS IS TO CERTIFY THAT

Check-All Valve Mfg. Co.

1800 Fuller Road West Des Moines, IA 50265 USA

is hereby authorized to continue to apply the
3-A Symbol to the models of equipment, conforming to 3-A Sanitary Standards for:

Number 58-01
Vacuum Breakers and Check Valves

set forth below

COP Models: 3S Cartridge Series Check Valves and Vacuum Breakers for Sanitary Tubing, Models 3SC-05, 3SC-075, 3SC-100, 3SC-150, 3SC-200, 3SC-250, 3SC-300, 3SC-400, and 3SC-600. Sizes 1/2" - 6" Check Valves and Vacuum Breakers.

VALID THROUGH: **December 31, 2015**

Timothy R. Rugh
Executive Director
3-A Sanitary Standards, Inc.

The issuance of this authorization for the use of the 3-A Symbol is based upon the voluntary certification, by the applicant for it, that the equipment listed above complies fully with the 3-A Sanitary Standards designated. Legal responsibility for compliance is solely that of the holder of this Certificate of Authorization, and 3-A Sanitary Standards, Inc. does not warrant that the holder of an authorization at all times complies with the provisions of the said 3-A Sanitary Standard. This in no way affects the responsibility of 3-A Sanitary Standards, Inc. to take appropriate action in such cases in which evidence of nonconformance had been established.

NEXT TPV INSPECTION/REPORT DUE: **December 2019**

3S valve descriptions to use as a specification: Valve, check insert style. 3-A compliant (3rd party verified). 32 Ra or better finish. 316/316L construction. Seat and outer seal material options include 3-A and USP Class VI compliant EPDM, Silicone, Viton®, Aflas®, and Kalrez® (additional options available). Outer seals replace gasket and seal the valve on the ID of standard sanitary ferrules. Field repairable and cleanable design. Max. valve OD = nominal line size. Customer to specify line size, seat and seal materials, finish requirements, and desired spring cracking pressure. Check-All style 3S, sizes 1" through 4".

Trademarks Used

Aflas® - AGC Chemicals Americas, Inc.- Kalrez® - E.I. du Pont de Nemours and Company Viton® - E.I. du Pont de Nemours and Company